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Listing first 45 summaries
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1: /SIDSS/gcgdata/geneseq/geneseqp-emb1/AA1980.DAT:*

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(without alignments)
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Rubinfeld B, Vuong TT;						e zipper m	rs		-21A31; breast cancer and iagnosis; therapy; human	21A31.			469 AA.	ALIGNMENTS	AAG29288 AAG23046 AAG23046 AAG23046 AAG35608 AAG35608 AAG35607 AAG44448 AAG13716 AAG20321 AAG13717 AAG444447 AAG444447 AAG44447 AAG45125 AAG613716 AAG95518 AAG65518 AAG65518 AAG65518 AAG645125 AAG65516 AAG965516 AAG965516 AAG965516 AAG4446 AAG965516 AAG45125 AAG965516 AAG44447 AAG45125 AAG965516 AAG44447 AAG965516 AAG45124 AAG965516 AAG45124 AAG965516 AAG45124 AAG965516 AAG45124 AAG965516 AAG45124 AAG965516 AAG45124 AAG965516 AAG475126 AAG965516 AAG9656644 AAG965516 AAG9656644 AAG9656644 AAG9656644 AAG9656644 AAG9656644 AAG9656644 AAG9656644 AAG96656644 AAG9656644 AAG9656644 AAG9656644 AAG9656644 AAG96656644 AAG96656644 AAG96656644 AAG96656644 AAG96656644 AAG96666644 AAG966666666666666666666666666666666666											
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                                                                                                                                                                                                                                                                                                                                          07-SEP-1999
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Modulator proteins that bind
                                                                                                                                                                                                                                   13-AUG-1997;
                                                                                                                                                                                                                                                                                       13-AUG-1997;
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DB; AAX86754.
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                                                                                                                                                                                PHARM INC.
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cell growth; cell proliferation.
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                                                                                                                               Polakis
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to and modulate
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the activity of the
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Best Local S
Matches 48
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                                                                                                                                                                                                                                                                                                                           gene
                                                                                                                                                                                                                                                                                                                                             pregnancy-related cell culture; chem
                                                                                                                       Misc-difference
                                                                                                                                                                                  Misc-difference
                                                                                                                                                                                                                                                                Key
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pregnancy-related disorder; endocrine disorder; infection; wound healing;
                                                                                                                                                                                                                                                                                                                                                                                       psoriasis; sepsis; diabetes; atherosclerosis; cardiovascular disorder; inflammation; neurological disorder; Alzheimer's disease; food additive;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human gene
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                                          WO200134644-A1
                                                                                                                                                                                                                  Protein
                                                                                                                                                                                                                                              Peptide
                                                                                                                                                                                                                                                                                               Homo
                                                                                                                                                                                                                                                                                                                                                                                                                       Parkinson's disease; cognitive disorder; schizophrenia; skin disorder;
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Pred. No. 1
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                                                                                                                                    GNC on the inverse complementary
sequence (AAD07677)"
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.2e-25;
                                                                         ne inverse complementary (AAD07677)"
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                                                                                                                                                                                                                                                                                                                                             identification;
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04-AUG-2000;
immune system disorder; AIDS; autoimmune disease; rheumatoid arthritis; Parkinson's disease; cognitive disorder; schizophrenia; skin disorder;
                                      Human; secreted protein; proliferative disorder; cancer; tumour; asthma foetal abnormality; developmental abnormality; haematopoietic disorder;
                                                                                                                                               10-AUG-2001
                                                                                                                                                                                        AAE03206;
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Pred. No. 1.4e-06;
9; Mismatches 21;
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AAD07655-AAD07695 represent cDNAs corresponding to 15 human secreted CC AAD07655-AAD07695 represent cDNAs corresponding to 15 human secreted CC AAD03243-AAE03280 represent human secreted protein fragments or variants. CC Paths secreted proteins and their genes are useful for preventing, treating CC or ameliorating medical conditions, e.g., by protein or gene therapy. CC pathological conditions can be diagnosed by determining the amount of the new genes. Specific uses are described for each of the 15 genes, the new genes. Specific uses are described for each of the 15 genes, comer company to the new genes. Specific uses are described for each of the 15 genes, comer company to the presence of mutations in cc developing products for the diagnosis or treatment of proliferative considers, cancer, tumours, foetal and developmental abnormalities, antended disorders, diseases of the immune system, AIDS, autoimmune cd diseases (e.g., rheumatoid arthritis), inflammation, allergies, autoimmune conjitive disorders (e.g., Alzheimer's disease, Parkinson's disease), cognitive disorders, schizophrenia, asthma, skin disorders (e.g., pregnancy-related disorders, atherosclerosis, cardiovascular disorders, can also be used to aid wound healing and epithelial cell coroliferation, to prevent skin aging due to sunburn, to maintain organs before transplantation, for supporting cell culture of primary tissues, corolers, and in chemotaxis, and can be used as a food additive or preservative to modify storage properties. Antibodies specific for a grotein of the invention can be used as a food additive or protein of the invention can be used in alleviating symptoms associated court of the content of the properties and in changes are content of the content of t
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 11; Page 431-432; 499pp; English
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                                                                              radioimmunoassay or enzyme linked
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                                     disorders mentioned above, and in diagnostic immunoassays unoassay or enzyme linked immunosorbent assay (ELISA). ent sequence represents a human secreted protein of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Komatsoulis
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29..359
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                                                                                                                                                                                                                                                                                                                                                                                                                             The invention relates to an isolated nucleic acid detection reagent capable of detecting 1000 or more genes from Drosophila. The invention useful in developmental biology and in elucidating cell. signalling and cell-cell interactions in higher eukaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genomic DNA sequences (ABLIGITG-ABL30511), expressed DNA sequences (ABLIGITG), acknowledges (ABLIGITG) and the encoded proteins
                                                                                                                                                                                                                                                                                                                                                      The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from at ftp.wipo.int/pub/published_pct_sequences.
                                      ABB60559
   26-MAR-2002
                                                                       ABB60559 standard; Protein; 158
                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                                                                                                               sequences (ABL01840-ABL16175) and the (ABB57737-ABB72072).
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11-JUL-2000;
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DB; ABL05392.
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21; Conservative
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2000US-0614150.
 (first entry)
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Pred. No. 2.9e-06;
6; Mismatches 15
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Best Local Similarity
Matches 23; Conserv
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                                 EP1033405-A2
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N-PSDB; ABL04662.
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11-JUL-2000;
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                                                                    Arabidopsis thaliana
                                                                                                        termination
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capable of detecting 1000 or more genes from Drosophila. The invent useful in developmental biology and in elucidating cell signalling cell-cell interactions in higher eukaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genomic DNA sequences (ABLIG176-ABL30511), expressed DNA (ABB57737-ABB72072).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The sequence data for this patent did not form specification, but was obtained in electronic at ftp.wipo.int/pub/published_pct_sequences.
Protein identification; signal transduction hybridisation assay; genetic mapping; gene of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Disclosure; SEQ ID NO 8469; 21pp + Sequence Listing; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Drosophila; developmental biology; cell signalling; insecticide;
pharmaceutical.
                                                             Arabidopsis thaliana protein fragment SEQ ID NO:
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2000US-0614150
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genetic mapping; gene expression
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Pred. No. 1.3e-06;
4; Mismatches 18
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  25-FEB-1999;
05-MAR-1999;
09-MAR-1999;
23-MAR-1999;
                                                                                                                                               Protein identification; signal transduction pathway; metabolic hybridisation assay; genetic mapping; gene expression control; termination sequence.
                                                                               06-SEP-2000
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Pred. No. 4.7e-05;
6; Mismatches 21;
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expression control; promoter;
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1 Similarity 38.3
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Pred. No. 4.7e-05;
6; Mismatches 21;
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on control;
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Pred. No. 5.3e-05;
8; Mismatches 19;
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Length 348; Indels

2;

Gaps

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277 50

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99US-016136.
99US-016135.
99US-016135.
99US-016135.
99US-016135.
RESULT 13
AAG29287
ID 29AG7
AAG292
XX AAG292
XX Arabid
XX Protei
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Best Local Similarity 38.7
Matches 18; Conservative
21 APR 1999
23 APR 1999
23 APR 1999
28 APR 1999
30 APR 1999
30 APR 1999
30 APR 1999
06 MAY 1999
06 MAY 1999
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05-MAR-1999

09 MAR-1999

23-MAR-1999

25-MAR-1999

29-MAR-1999

01-APR-1999

06-APR-1999

08-APR-1999
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29-OCT-1999;
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19-APR-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  25-FEB-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     thaliana
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9908-0123848

9908-0125788

9908-0125788

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9908-0128714

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9908-0130491

9908-0130491

9908-0132486

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99US-0162142
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5.4e-05;
hes 19;
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ID NO: 34820

pathway;
promoter;

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08-JWN 1999
110-JUN 1999
110-JU
 990S-0138094
990S-0138199
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990S-0140833
990S-0141842
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Pred. No. 5.5e-05;
8; Mismatches 19;
                                 Length
            Indels
            2
            Gaps
            1;
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RESULT 14
AAG2304
AAG230
XX AAG230
XX AAG230
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21-MAY 1999
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9908-0130510
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9908-0131483
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promoter;
   14-JUL-1999
16-JUL-1999
16-JUL-1999
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Matches 18
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220-AUG-1999
230-AUG-1999
231-AUG-1999
251-AUG-1999
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28-CCT-1999
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                                                             CTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
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9908-0149472
9908-0149929
9908-0149902
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                                                                                                                       Score 103; DB 21;
Pred. No. 5.5e-05;
6; Mismatches 21;
                                                                                                                                                      Length 358;
                                                                                                                          Indels
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                                                                                                                        Gaps
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   25-FEB-1999
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06-APR-1999
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16-APR-1999
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24-MAY-1999
06-MAY-1999
07-MAY-1999
11-MAY-1999
11-JUN-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
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Arabidopsis thaliana protein fragment SEQ ID
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                                    AAG35608;
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                  (first
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; Pred. No. 5.5e
6; Mismatches
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 NO: 43524.
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RESULT 17
AAG35607
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Best Local Similarity 40.9%;
Matches 18; Conservative
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                                                Protein identification; signal transduction pathway; metabolic hybridisation assay; genetic mapping; gene expression control;
             Arabidopsis thaliana
                                       termination
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Pred. No. 6.1e-05;
8; Mismatches 16;
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9908-012384

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9908-014254

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                                                                                                 Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
                                                                                                                                         Arabidopsis thaliana
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 25-FEB-1999;
                  25-FEB-2000;
                                      06-SEP-2000
                                                          EP1033405-A2
                                                                             Arabidopsis thaliana
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                                                                                                                                                                                                   Protein;
                                                                                                                                                           entry)
                                                                                                                                         protein fragment
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Pred. No. 7.8e-05;
B; Mismatches 16
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RESULT 19
AAG13718
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PR 25-FEB
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PR 09-MAR
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09-MAR-1999,
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06-APR-1999;
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                                                                                                                                                                                                           Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter;
                                                                                                         25-FEB-2000;
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Pred. No. 0.00019;
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RESULT 2
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Best Local Similarity 38.3%;
Matches 18; Conservative
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RESULT 21
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8-OCT-1999;
3-OCT-1999;
3-OCT-1999;
9-OCT-1999;
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l Similarity 38.3%;
l8; Conservative :
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99US-0161920.
99US-0161992.
99US-0161993.
99US-0162142.
  9908-0121825

9908-0123180

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9908-0130047

9908-013010

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b; Pred. No. 0.00
10; Mismatches
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110-JUN 
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06-AUG-1999
06-AUG-1999
10-AUG-1999
11-AUG-1999
11-AUG
    Match
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9908-0148319
9908-0148319
9908-0148864
9908-0149723
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    Score
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2000EP-0301439

990S-0121825
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990S-0125788
990S-0126264
990S-0126264
990S-0128214
990S-0130049
990S-0132048
990S-0132485
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990S-0132487
990S-0134218
990S-0136322
990S-0136322
990S-0136322
990S-0136322
990S-0136322
990S-0137522
990S-0137528
990S-0138640

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Protein identification; signal transduction hybridisation assay; genetic mapping; gene (termination sequence.
                                                                                                                                   AAG50320
                                                                                         18-OCT-2000
Arabidopsis thaliana.
                                                                   Arabidopsis
                                                                                                               AAG50320
                                                                                                                                                                                                                                                Local
                                                                                                                                                                                  CTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV
                                                                                                                                                                                                                                  18; Conservative
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                                                                   thaliana
                                                                                       (first
                                                                                                                                    Protein; 362
                                                                                       entry)
                                                                   protein
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                                 mapping; gene expression
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0; Mismatches 17;
                                                                 fragment
                                                                                                                                    Ã
                                                                   SEQ
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                                 pathway; metabolic pathway;
expression control; promoter;
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milarity 38.3%;
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1. No. 0.00024;
4ismatches 17;
                                             Length 362;
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מר סיסים מערכה את המתגבה במתגבה במת

16-JUN 1999
17-JUN 1999
18-JUN 1999
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19-JUN

990S-0139452 990S-0139453 990S-0139454 990S-0139450 990S-0139460 990S-0139460 990S-0139461 990S-0139461 990S-0139463 990S-0140S4 990S-0140S54 990S-0140S54 990S-0140S54 990S-0140S54 990S-0140S54 990S-0140S54 990S-0140S54 990S-0140S54 990S-0142803 990S-0142803 990S-0142803 990S-0142803 990S-014281 990S-014334 990S-0144832 990S-0144832 990S-0144834 990S-014591 990S-0146386 990S-0146386 990S-0146386 990S-0146386 990S-0146386 990S-0146386 990S-0147304 990S-0147493 990S-0147493 990S-0147493

PR 23-MAR 1999 99US-0125788. PR 25-MAR 1999 99US-0126785. PR 10-MAR 1999 99US-0126785. PR 10-MAR 1999 99US-0128244. PR 16-MAR 1999 99US-0120449. PR 16-MAR 1999 99US-0130049. PR 23-MAR 1999 99US-0130449. PR 23-MAR 1999 99US-0132449. PR 23-MAR 1999 99US-0132429. PR 24-MAR 1999 99US-0134229. PR 24-MAR 1999 99US-013426. PR 24-MAR 1999 99US-0134229. PR 24-MAR 1999 99US-0134249. PR 24-MAR 1999 99US-0134249. PR 24-MAR 1999 99	SULT 25 344447 AAG44447; 18-OCT-2000 ( Arabidopsis th Protein identi hybridisation termination se Arabidopsis th EP1033405-A2. 06-SEP-2000. 25-FEB-1999; 05-MAR-1999;
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Similarity 34.1%;
15; Conservative 1
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9908-01554638
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11; Mismatches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Arabidopsis
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990S-013048
990S-013248
990S-013421
990S-013562
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[ABB57737-ABB72072].
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Pred. No. 0.00025;
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mapping; gene expression control;
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ID NO:

pathway;
promoter;

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Score 97; DB Pred. No. 0.00 8; Mismatches
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RESULT 3
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Best Local
                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                         The present invention describes oligonucleotides encoding a gene producing a product capable of regulating ethylene synthesis. Also described are: (1) a vector containing the oligonucleotides which can be ligated to operate the control sequence; (2) a plant transformed with the vector; and (3) a method for regulating ethylene synthesis in a plant by introducing the oligonucleotides into it. The gene can be used in producing transformants and genetically modified plants. Plants produced by the method have increased side-root elongation, crown-water resistance and improved fruit and flower quality retention. The present sequence represents the specifically claimed Tos17 isolated from Oryza sativa var. nipponbare, which has ethylene synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; Fig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Rice-originated oligonucleotides encoding gene regulating ethylene synthesis in plant, for producing transformants and genetically modified plants with promoted side-root elongation and crown-water
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     AAE02618 standard; Protein; 493 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (NORQ ) JAPAN MIN AGRIC FORESTRY & FISHERIES (BIOO-) BIO-ORIENTED TECHNOLOGY RES ADVANCEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25-MAY-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         30-NOV-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAB36644;
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                                                                                                                                                                   ALCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQVG 51
                                                                                                                        avcciclskfsnnedlrelpcnhvfhlecvdkwlki--nalcplckadlg
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                                                                                                                                                                                                                       . Similarity
16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAC88125
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                                                                                                                                                                                                                                                                                                                                                                                        activity.
                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; 35pp;
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                                                                                                                                                                                                                                                                                                                                             A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         99WO-JP02732
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Protein;
                                                                                                                                                                                                                                           33.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Japanese.
                                                                                                                                                                                                                       12;
                                                                                                                                                                                                                  Score 96; DB Pred. No. 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              405
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                                                                                                                                                                                                                                                                  Length 405;
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                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                     Gaps
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  Qy
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Best Local
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Homo sapiens
                                                                                                                                                                                                                                              AAE02617;
                                                                                                                                                                                                                                                                                           AAE02617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example;
                                                                                                                                               Human
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Human; haematopoietic lineage switch; HLS-5; tumour suppressor; cancer; ring finger B-box coiled-coil; RBCC; transcriptional regulator; tumour; acute myeloid leukaemia; drug screening; gene therapy; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      growth. HLS-5 DNA and protein sequences are useful for diagnosing and treating tumours and cancers. HLS-5 polypeptides are also useful for screening drugs for treating diseases. HLS-5 DNA is used in gene therapy. The present amino acid sequence is human HLS-5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    acute myeloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human haematopoietic lineage switch (HLS)-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     06-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Klinken SP,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WO200138374-A1
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                                                                                                                                                                                                   06-AUG-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel tumor suppressor gene, HLS-5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (UYWA-) UNIV WESTERN AUSTRALIA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          treating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sapiens.
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                                                                                                                                 haematopoietic lineage switch (HLS)-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  haematopoietic lineage switch; HLS-5; tumour suppressor; cancer; inger B-box coiled-coil; RBCC; transcriptional regulator; tumour;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  l Similarity 40.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAD06781
                                                                                                                                                                                                                                                                                                                              standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Page 108-109; 111pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 493 AA;
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                                                                                                                                                                                                   (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              leukaemia;
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                                                                                                                                                                                                                                                                                                                           Protein; 504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                33.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 95.5; E
Pred. No. 0.00
6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       useful for regulating cell growth zed by aberrant cell growth -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ).00068;
nes 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gene therapy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DΒ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 493;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ω,
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 25-FEB-1999;
05-MAR-1999;
09-MAR-1999;
23-MAR-1999;
25-MAR-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                The present invention relates to a tumour suppressor gene, termed haematopoietic lineage switch (HLS)-5 and the protein it encodes. HLS-5 is a member of ring finger B-box coiled-coil (RBCC) family of transcriptional regulators. HLS-5 exhibits tumour suppressor activities in acute myeloid leukaemia and breast cancer cells. HLS-5 DNA, protein and its Ab are useful for treating a condition characterised by aberrant cell growth. HLS-5 DNA and protein are useful to identify a substance capable of affecting HLS-5 function, or capable of modulating cell growth. HLS-5 DNA and protein sequences are useful for diagnosing and treating tumours and cancers. HLS-5 polypeptides are also useful for screening drugs for treating diseases. HLS-5 DNA is used in gene therapy. The present amino acid sequence is human HLS-5.
                                                                       25-FEB-2000;
                                                                                              06-SEP-2000
                                                                                                                    EP1033405-A2
                                                                                                                                          Arabidopsis thaliana
                                                                                                                                                                hybridisation assay; genetic mapping; termination sequence.
                                                                                                                                                                                    Protein identification; signal transduction pathway; metabolic pathway;
                                                                                                                                                                                                            Arabidopsis thaliana protein fragment
                                                                                                                                                                                                                                     17-OCT-2000
                                                                                                                                                                                                                                                             AAG29181;
                                                                                                                                                                                                                                                                                  AAG29181 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Klinken
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                                                                                                                                                                                                                                                                                                                                          31
                                                                                                                                                                                                                                                                                                                                                              3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCR 47
                                                                                                                                                                                                                                                                                                                                          lcavcydpf---rdavtlrcghnfcrgcvsrcwevqvsptcpvck 72
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DB; AAD06778.
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                                                                       2000EP-0301439
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            99US-0121825.
99US-0123180.
99US-0123548.
99US-0125788.
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                                                                                                                                                                                                                                                                                  Protein;
                                                                                                                                                                                                                                   entry)
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                                                                                                                                                                                                                                                                                  330
                                                                                                                                                                                                                                                                                                                                                                                      6,
                                                                                                                                                                                                                                                                                                                                                                                    Score 95.5; DB 22;
Pred. No. 0.0007;
6; Mismatches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     English.
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                                                                                                                                                                                                              SEQ
                                                                                                                                                                            gene
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                                                                                                                                                                            expression control;
                                                                                                                                                                                                              NO: 34675
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                                                                                                                                                                                                                                                                                                                                                                                                           Length
                                                                                                                                                                                                                                                                                                                                                                                                             504;
                                                                                                                                                                            promoter;
                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                      1;
  18-JUN-1999
18-JUN 1999
22-JUN 1999
22-JUN 1999
23-JUN 1999
23-JUN 1999
23-JUN 1999
23-JUN 1999
24-JUN 1999
29-JUN 1999
20-JUL 1999
01-JUL 1999
                                                                                                                                                                                                                                                                                                                                                                       19-MAY-1999
20-MAY-1999
21-MAY-1999
24-MAY-1999
25-MAY-1999
27-MAY-1999
28-MAY-1999
28-MAY-1999
01-JUN-1999
04-JUN-1999
07-JUN-1999
07-JUN-1999
10-JUN-1999
110-JUN-1999
110-JUN-1999
114-JUN-1999
116-JUN-1999
117-JUN-1999
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04-MAY-1999

05-MAY-1999

06-MAY-1999

06-MAY-1999

07-MAY-1999

11-MAY-1999

14-MAY-1999

14-MAY-1999

14-MAY-1999

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14-MAY-1999
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01-APR-1999

06-APR-1999

08-APR-1999

11-APR-1999

11-APR-1999

21-APR-1999

23-APR-1999

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16-APR-1999

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                                                                                                                                                                             Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
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99US-0123180.

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99US-0126756.

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6; Mismatches 21;
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RESULT 3
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PR 05-1
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01-APR-1999
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18; Conservative
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sation assay; genetic mapping; gene expression control; promoter;
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PR 23 - JUL 1999 99US 014516.
PR 25 - JUL 1999 99US 014522.
PR 26 - JUL 1999 99US 014522.
PR 27 - JUL 1999 99US 014523.
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Best Local Similarity 38.3%;
Matches 18; Conservative
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The sequence represents a human secreted protein encoded by a nucleic acid of the invention. Secreted proteins and their related nucleic acids can be used in the diagnosis of or susceptibility to a pathological condition by determining the presence or absence of a mutation in a nucleic acid or the presence or amount of expression of a secreted protein. The sequences are used to prevent, treat or ameliorate a medical condition in e.g. humans, mice, rabbits, goats, horses, cats, dogs, chickens or sheep. The antibodies to the polypeptides can also be used in alleviating symptoms associated with disorders and in diagnostic
                                                                                                                                                                 Forty one nucleic acid molecules encoding human secreted proteins, useful in the prevention, treatment and diagnosis of cancer, immune disorders, cardiovascular disorders and neurological diseases -
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human secreted protein; autoimmune disorder; hyperproliferative cardiovascular disorder; cerebrovascular disorder; angiogenesis; nervous system disorder; bacterial infection; viral infection; fungal infection; coular disorder; wound healing; tissue regener, epithelial cell proliferation; skin ageing; chemotaxis; IgG Fc r.
                                                                                                                                         Disclosure;
                                                                                                                                                                                                                        WPI; 2001-281684/29.
N-PSDB; AASO3914.
                                                                                                                                                                                                                                                                                                                     27-SEP-1999;
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                                                                                                                                                                                                                                                                                         (HUMA-) HUMAN GENOME SCI INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens.
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990S-0161404

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                                                                                                                                                                                                                                                                 Rosen CA;
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Pred. No. 0.00055;
6; Mismatches 21
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                                                                                                                                         English.
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IgG Fc region.
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